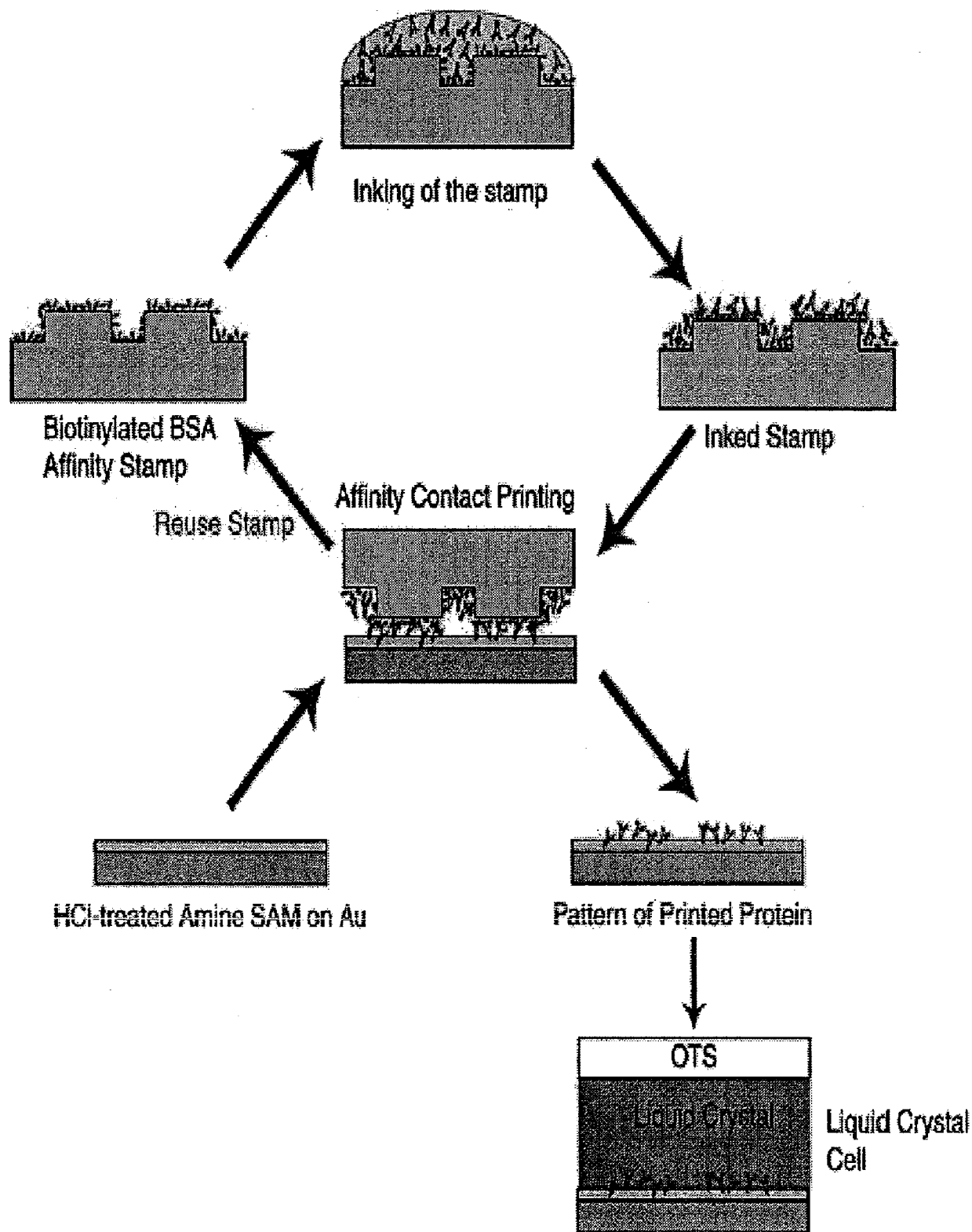


Figure 1.1



**Figure 1.2**

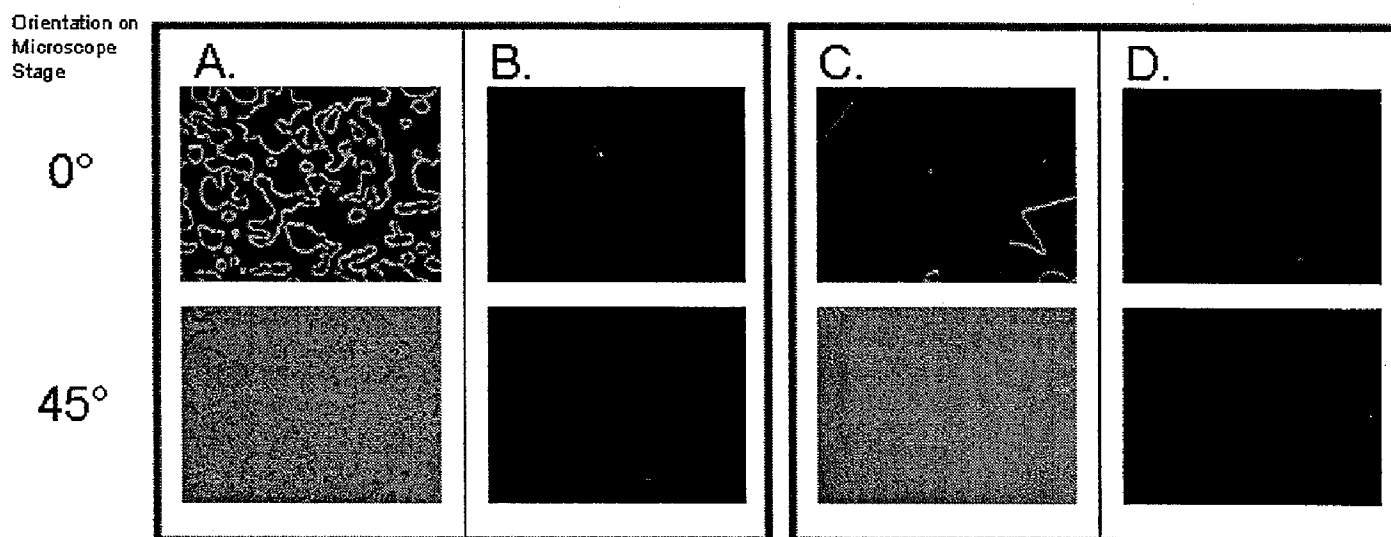


Figure 2

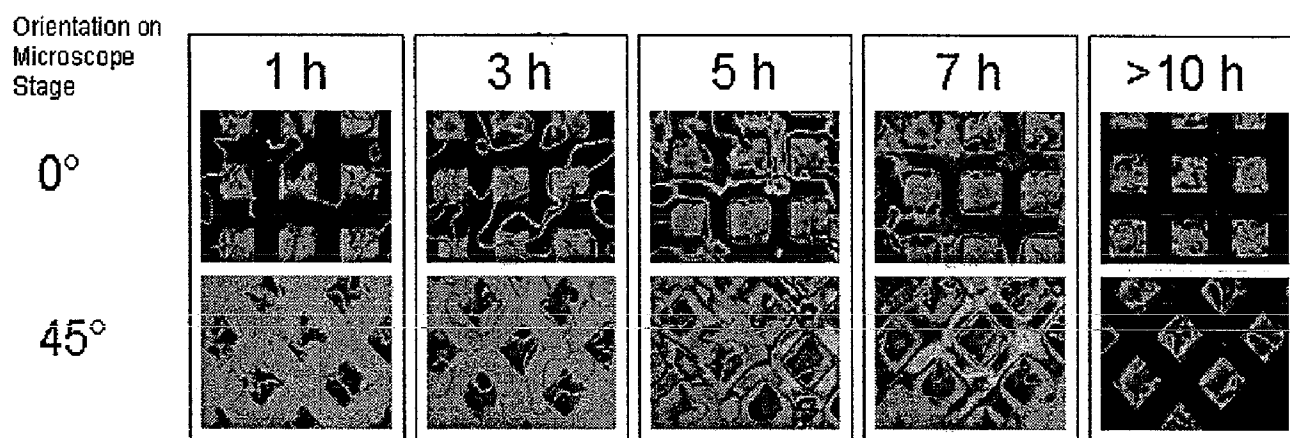


Figure 3.1

# 10 Hour Heating of Liquid Crystal at 37°

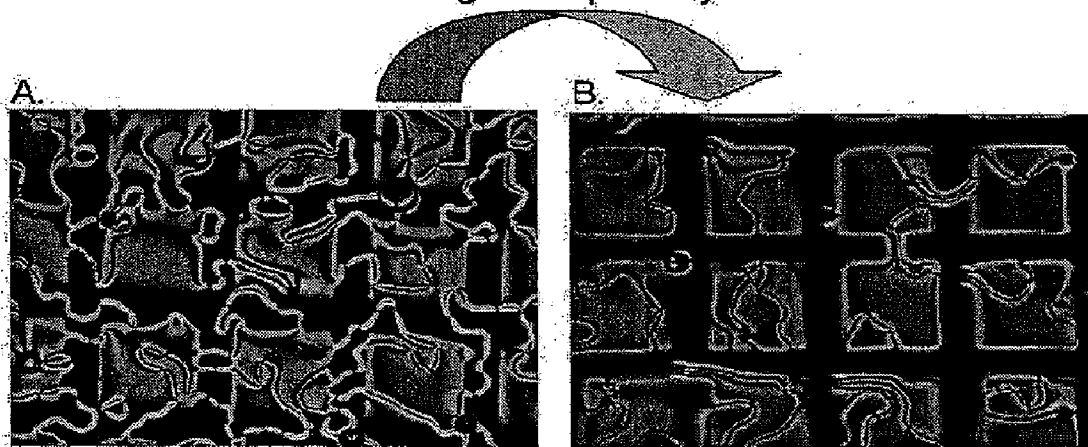
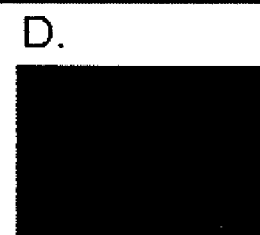
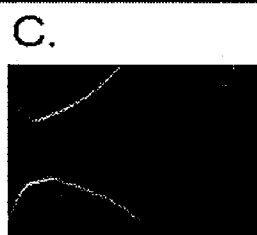
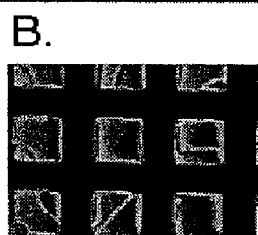
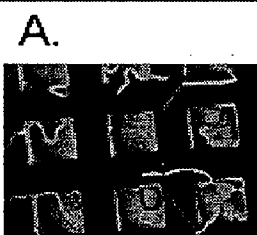


Figure 3.2

Orientation on  
Microscope  
Stage

0°



45°

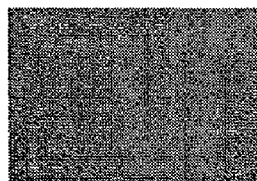
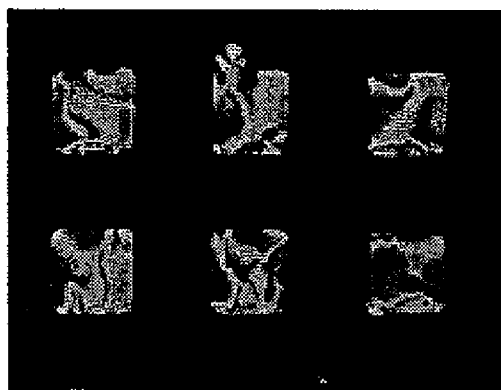


Figure 4

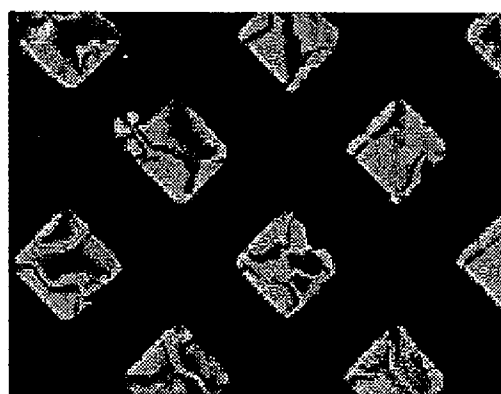
Orientation on  
Microscope  
Stage

0°

A.



45°



B.

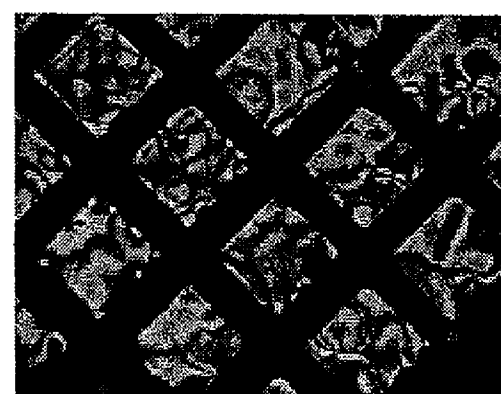
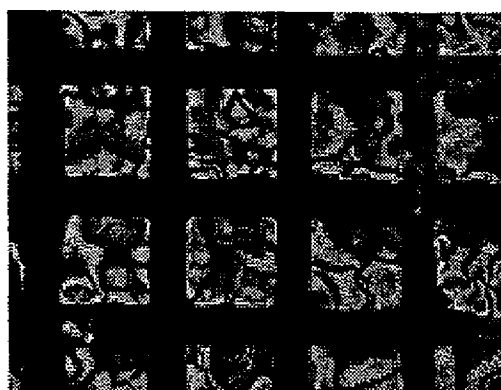


Figure 4.1

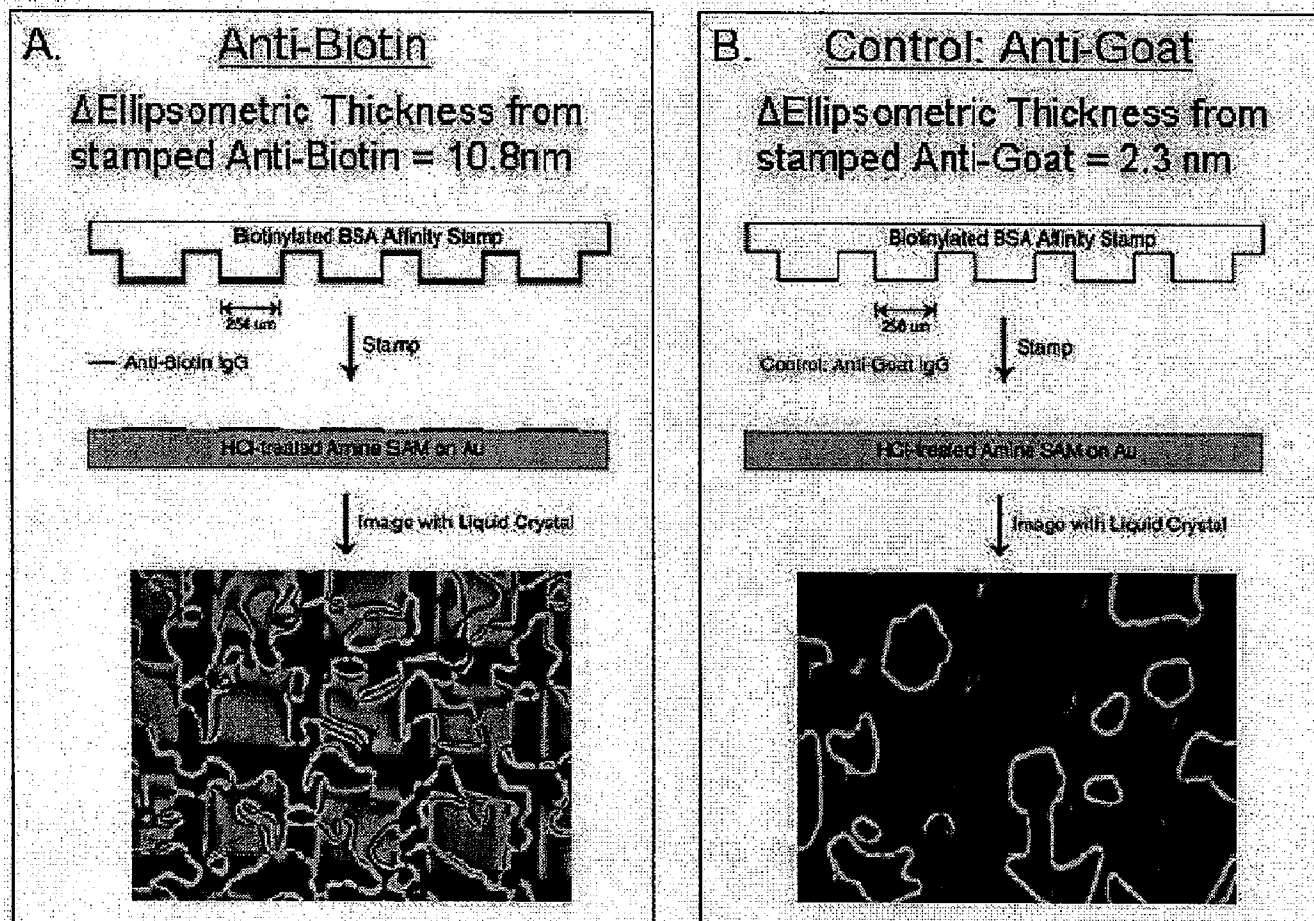


Figure 4.2

Orientation on  
Microscope  
Stage

0°      15°      30°      45°      60°      75°      90°

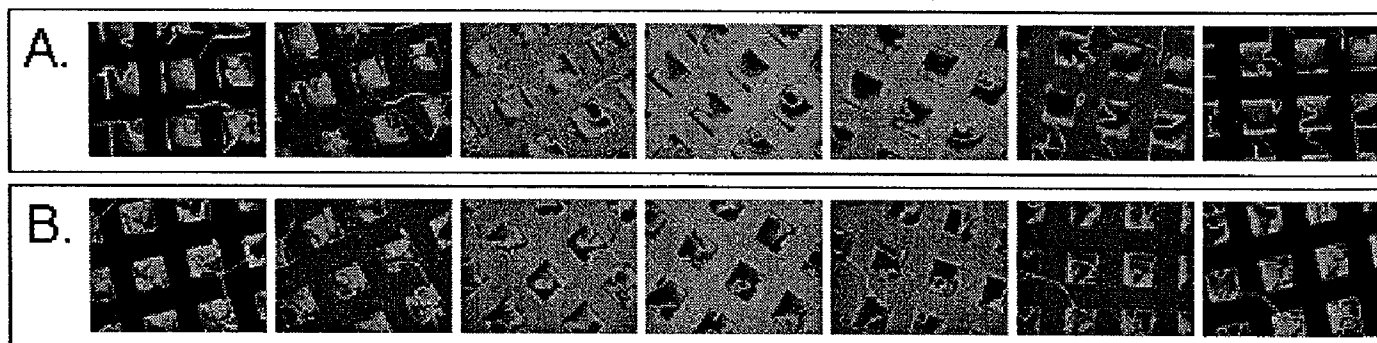


Figure 5.1

## Affinity Contact Printing vs. Microcontact Printing

Orientation on  
Microscope Stage

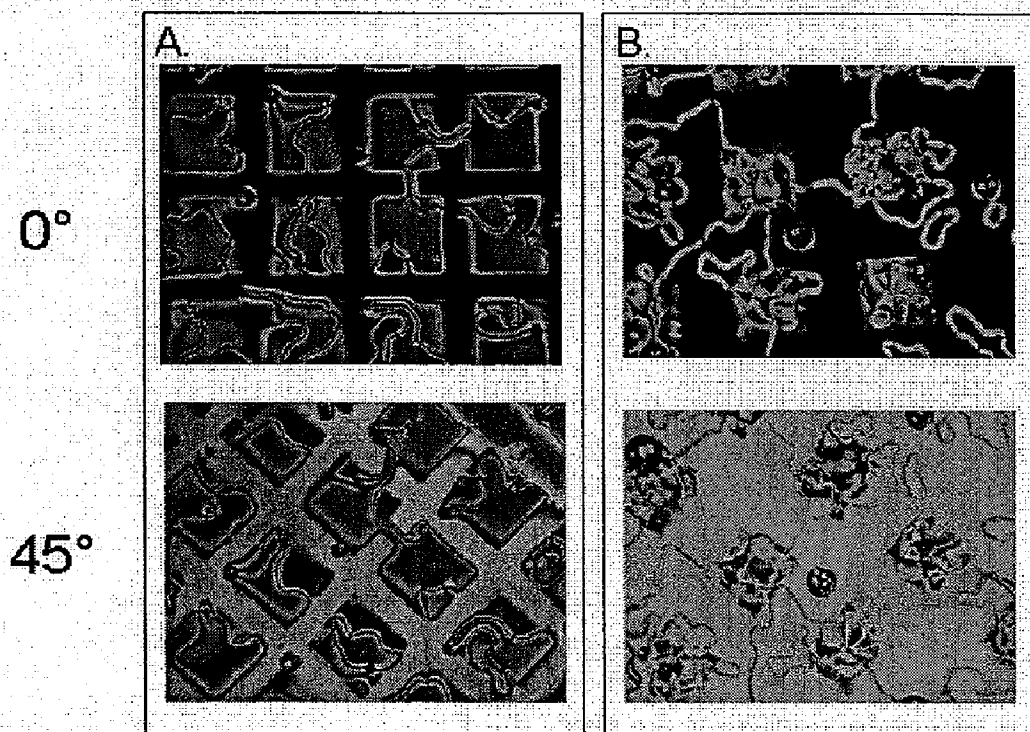


Figure 5.2

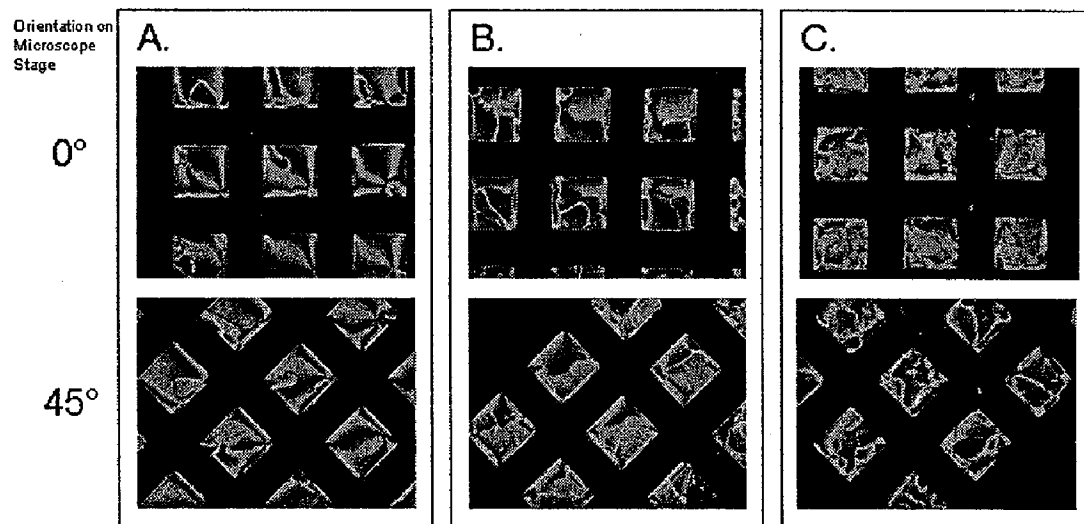


Figure 6.1





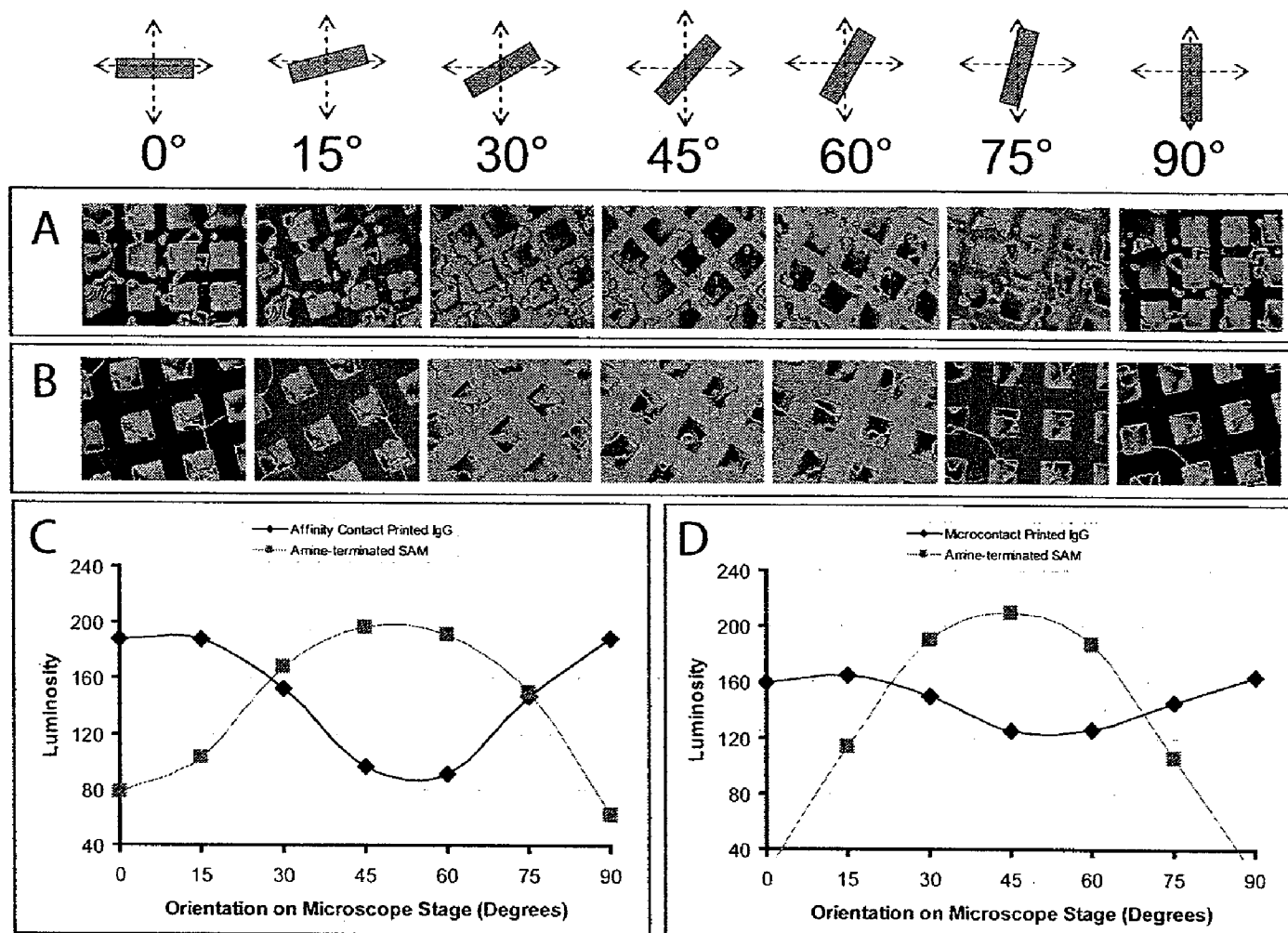
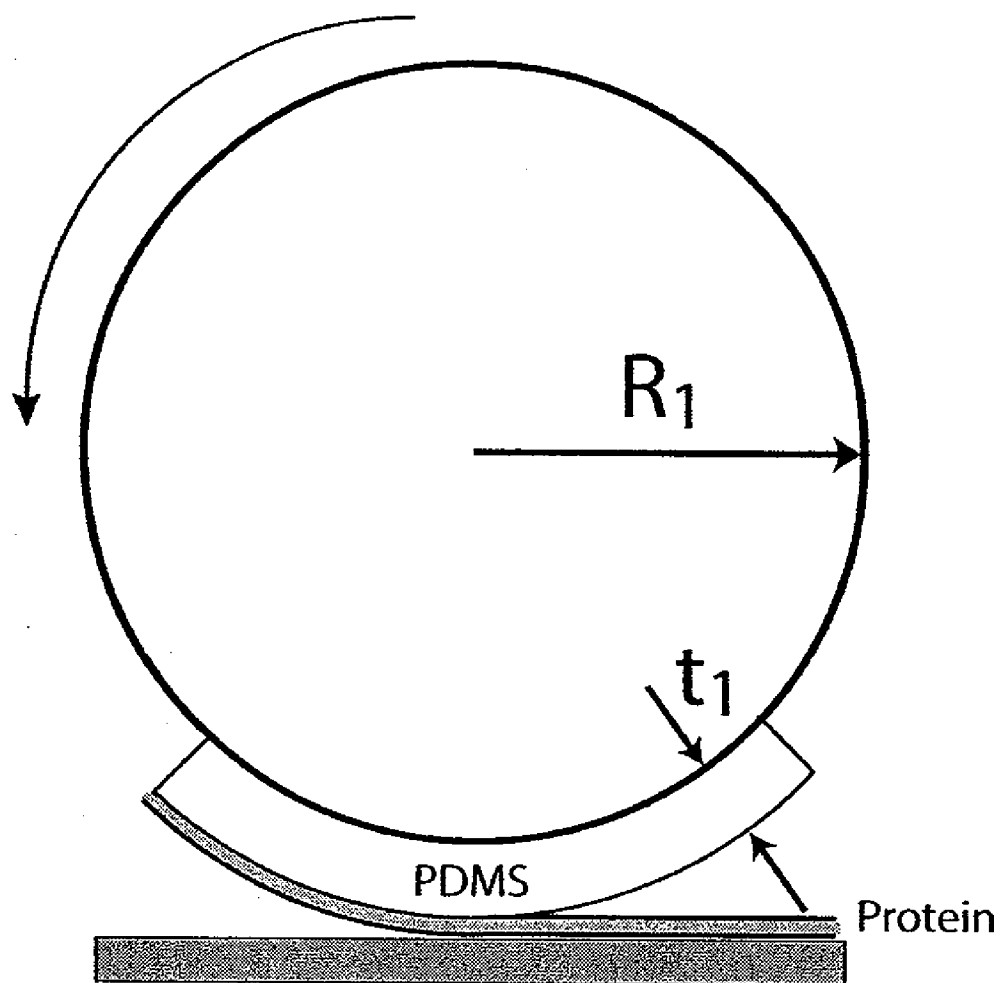
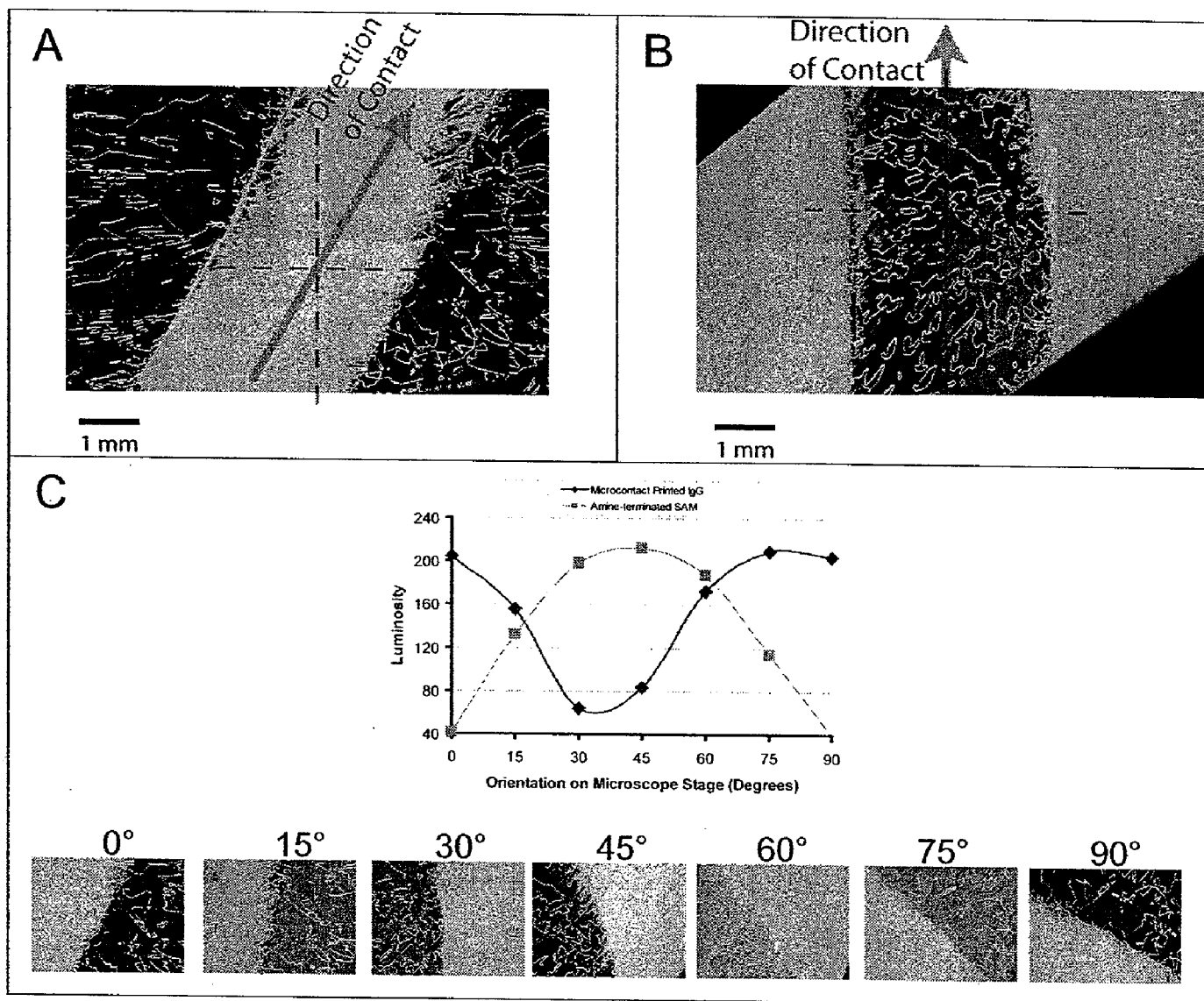


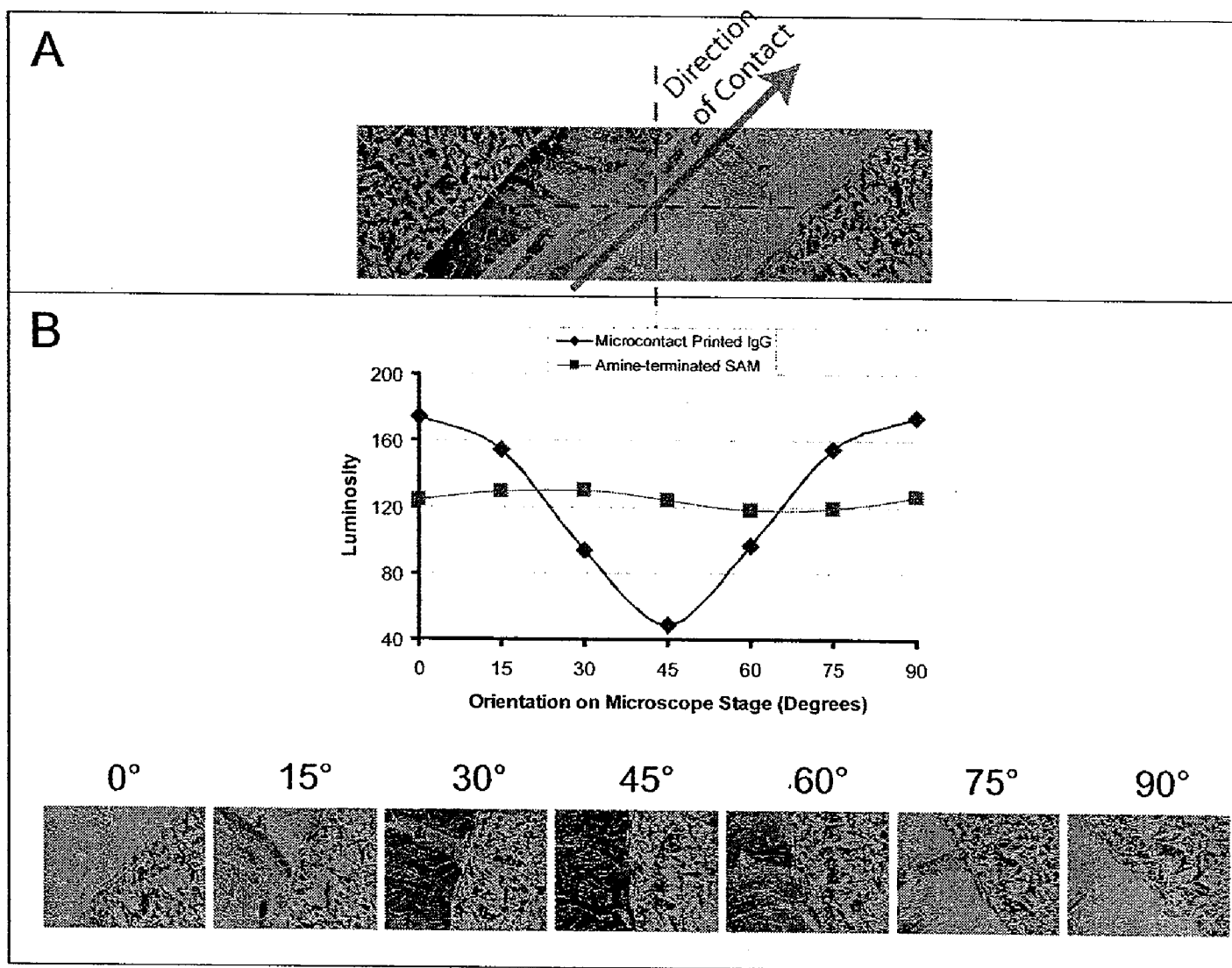
Figure 8



**Figure 9**

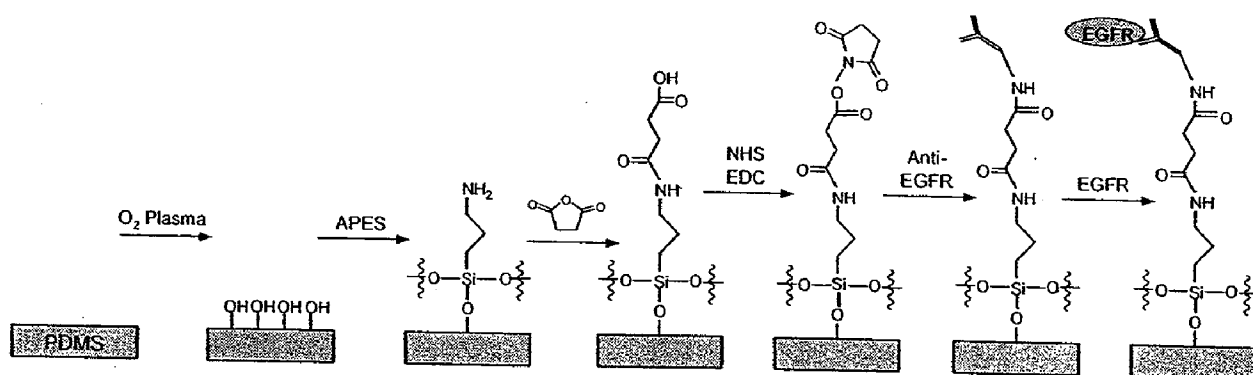


**Figure 10**

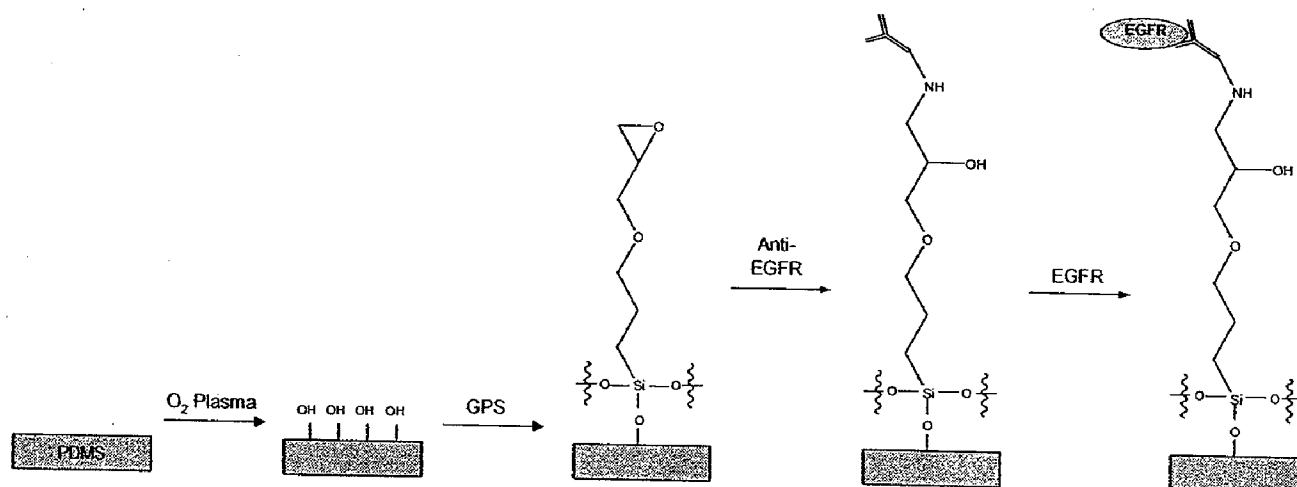


**Figure 11**

A.



B.



C.

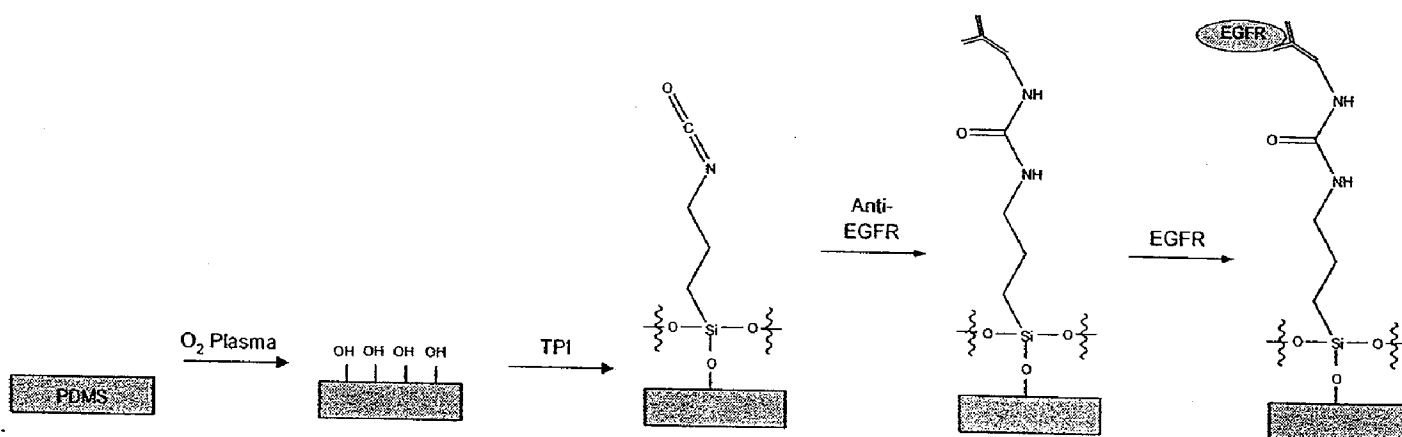


Figure 12

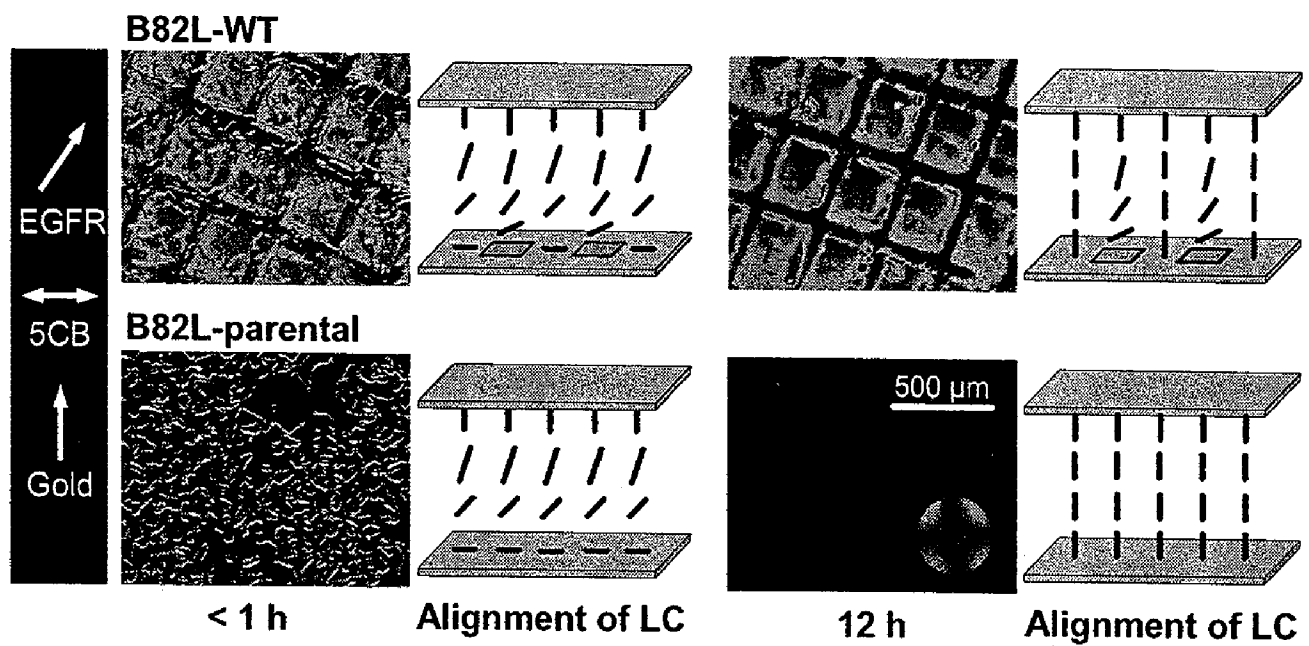


Figure 13

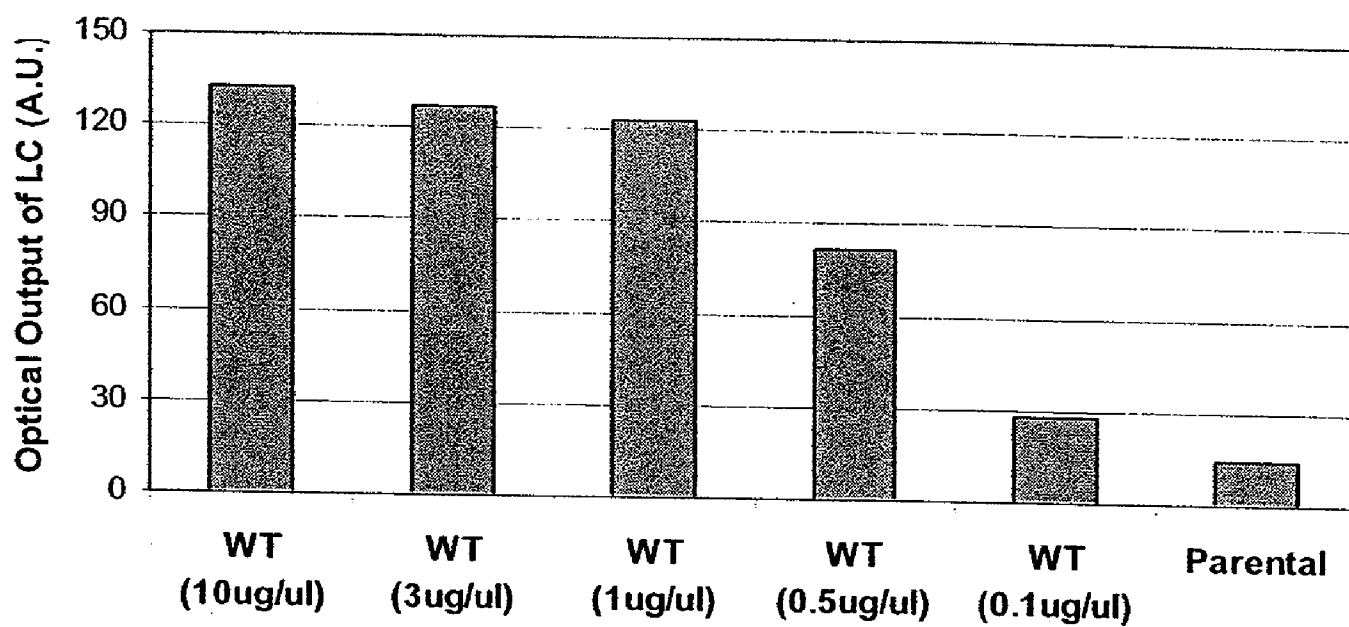
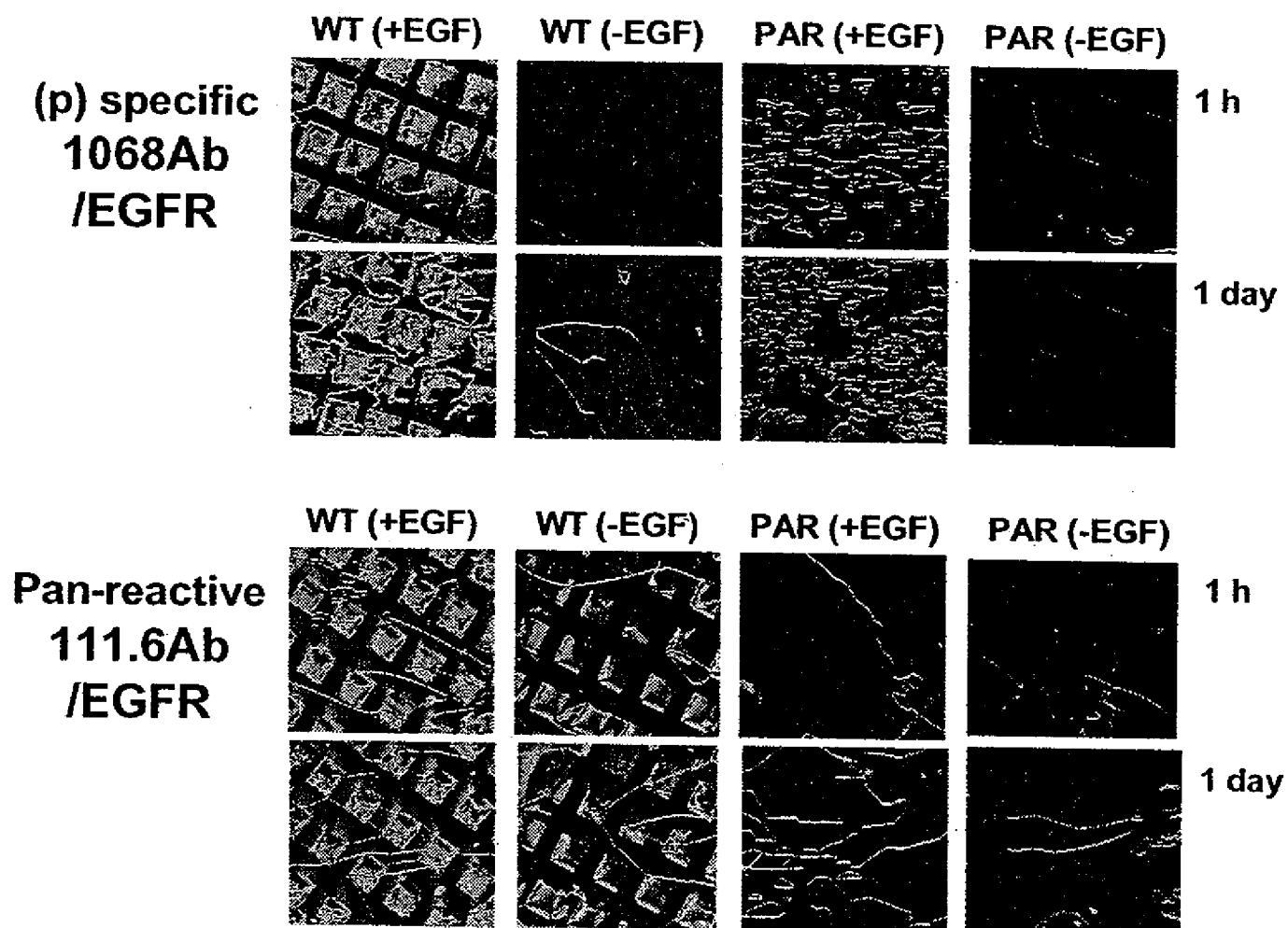
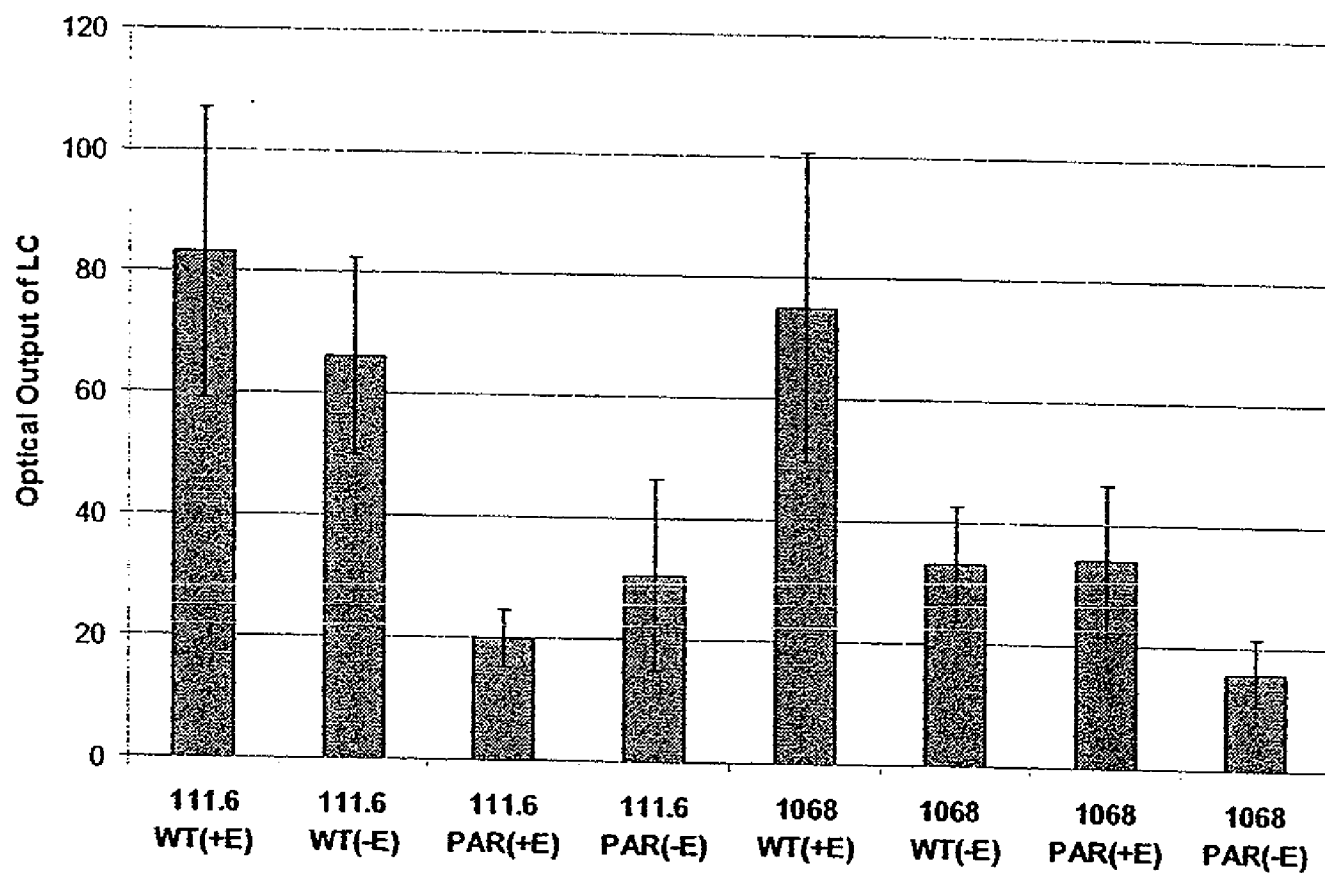


Figure 14



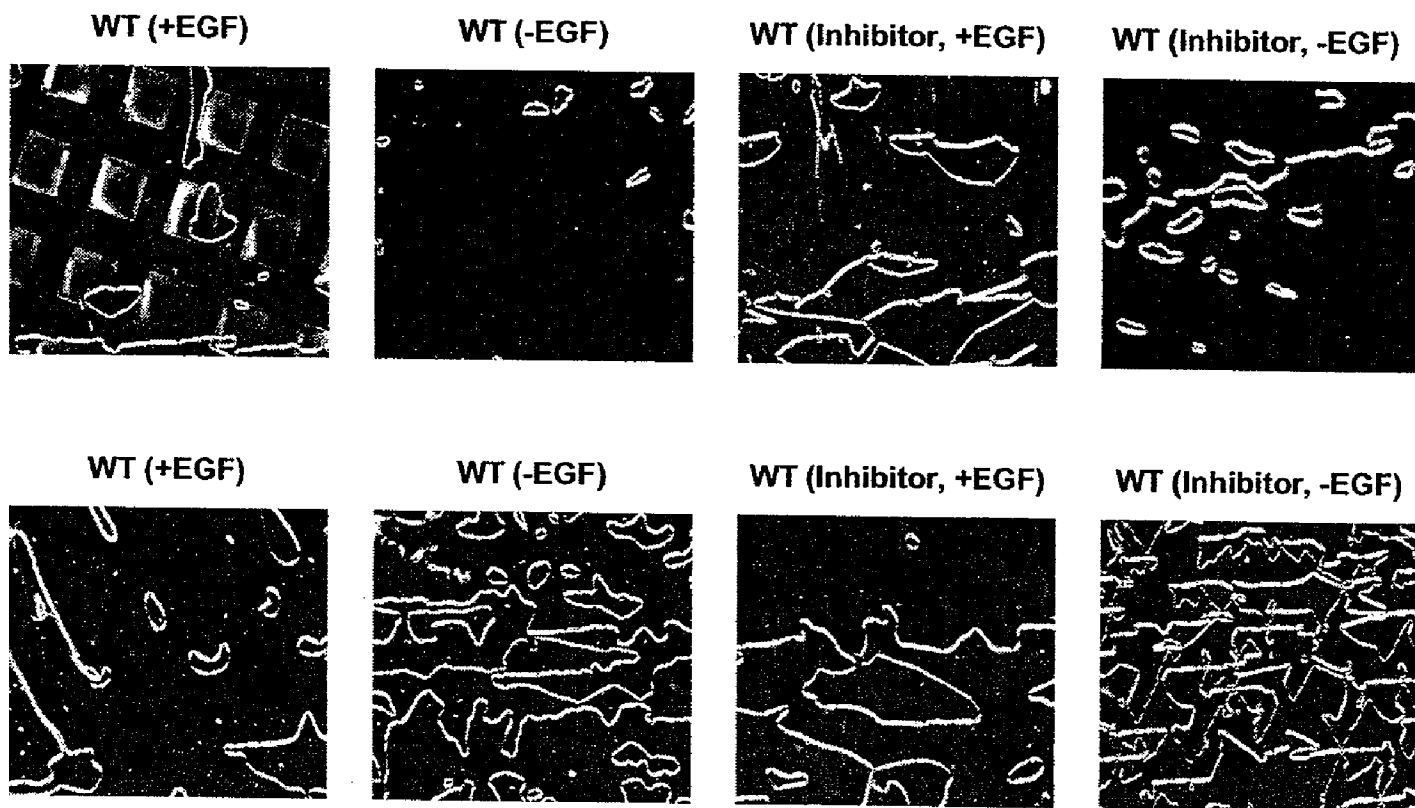
**Figure 15**

## Average Optical Response of 5CB in The Region of Printed EGFR



**Figure 16**





**Figure 17**

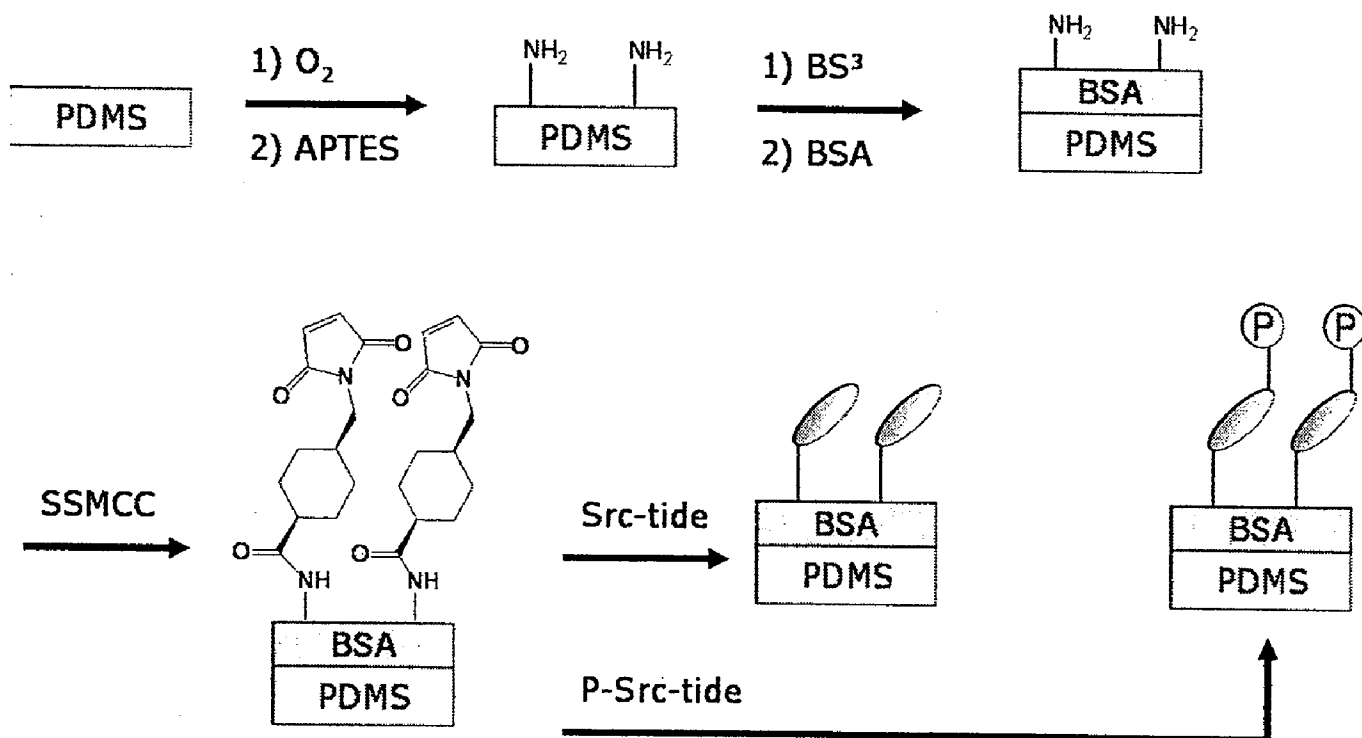
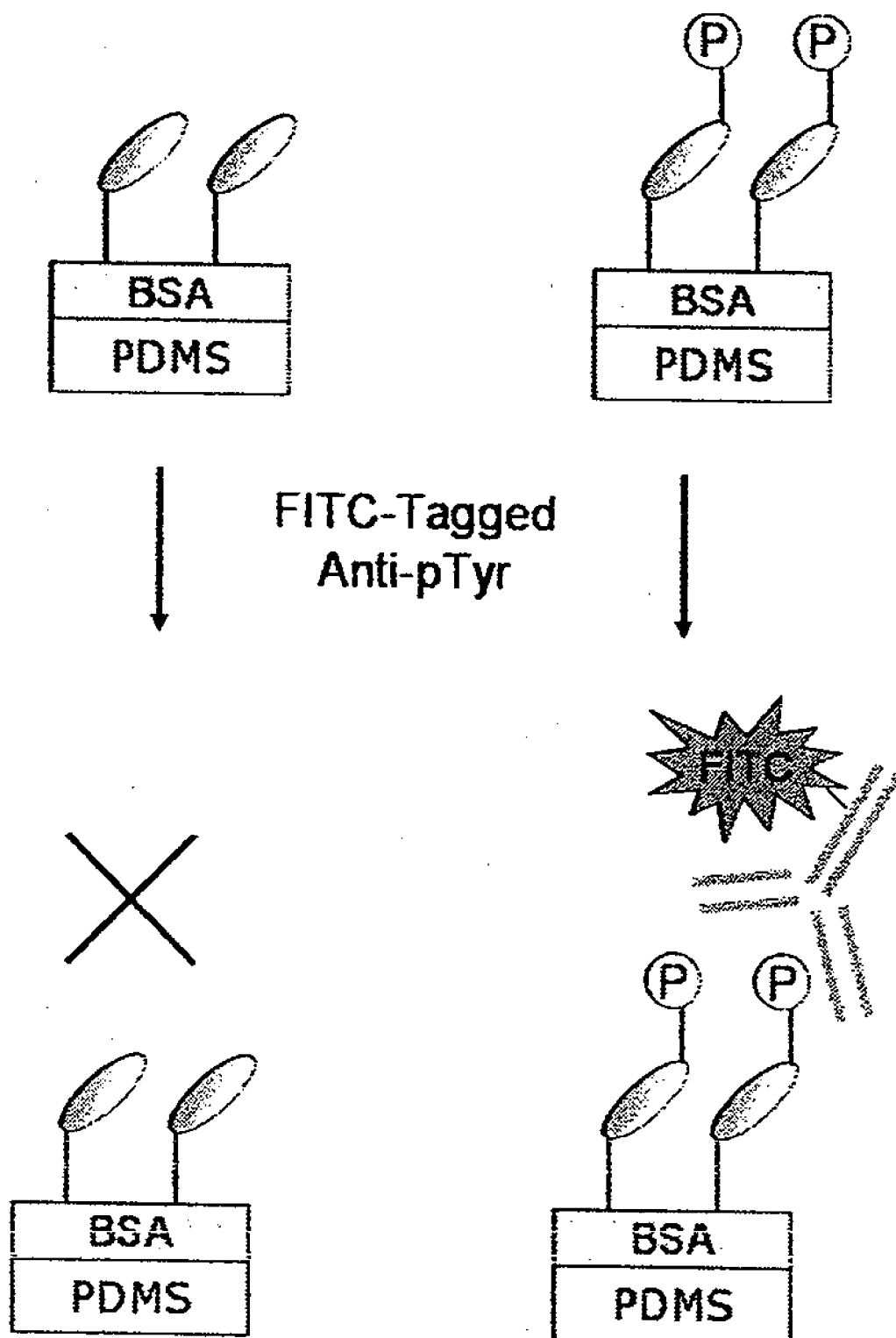
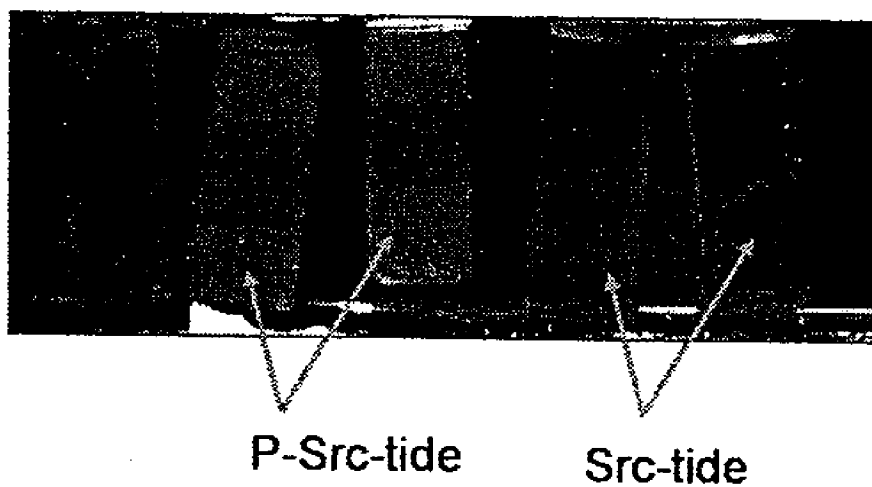
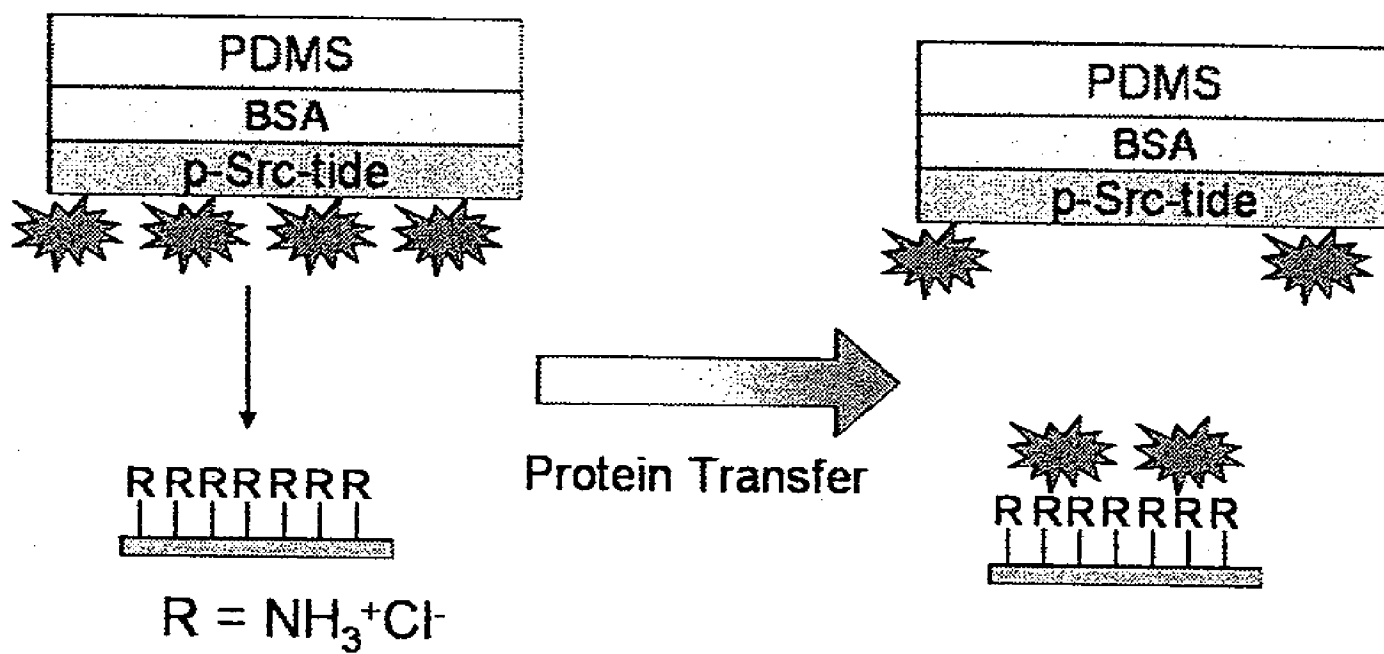


Figure 18



**Figure 19**

A



B

Figure 20

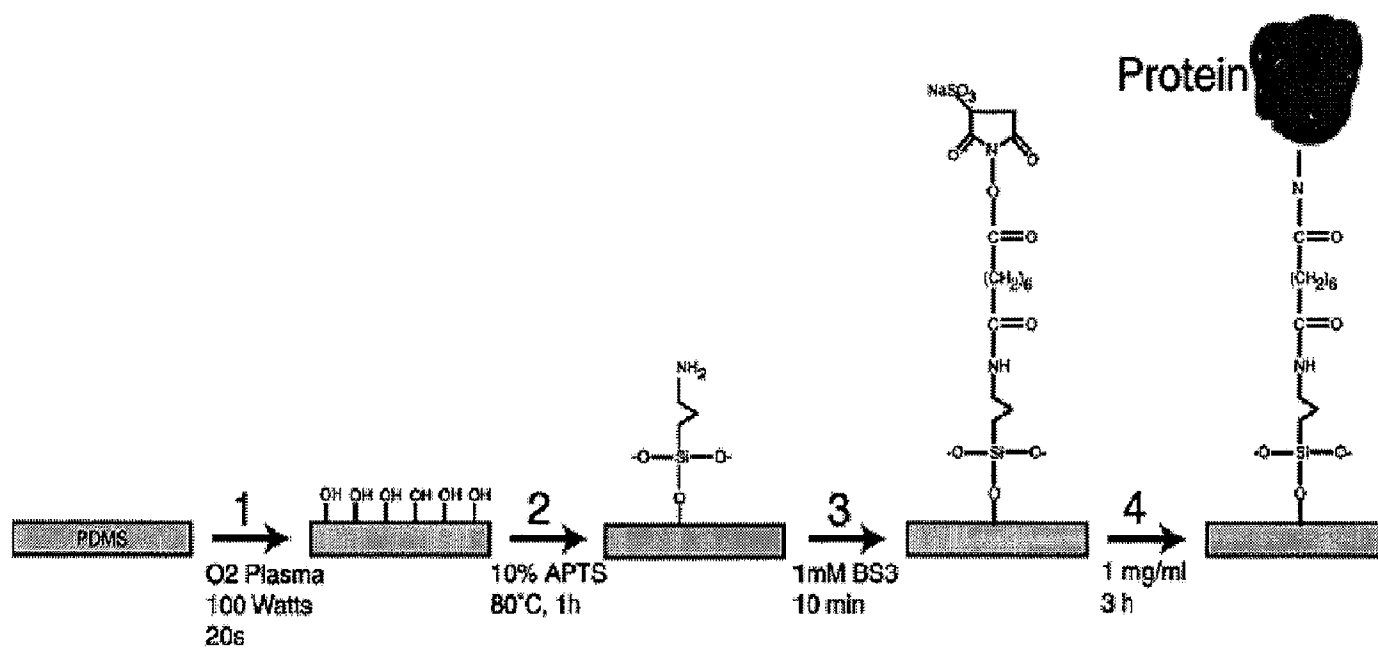
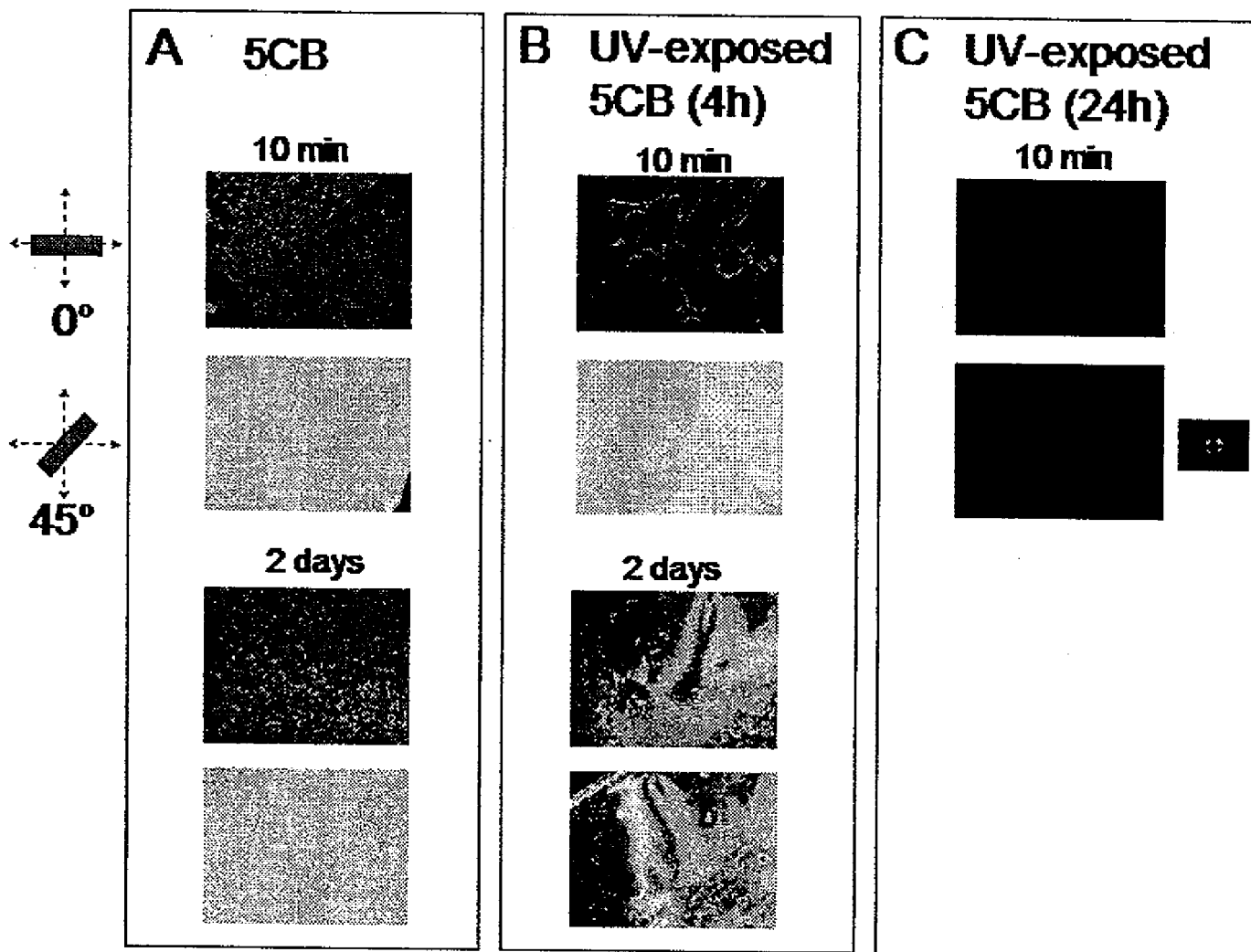


Figure 21



**Figure 22**